

**Washington State Department of Corrections
Major Project Status Report to OFM
December 2009**

Agency Number: 310

Agency: Department of Corrections

Project Number: 06-2-070

Institution: Clallam Bay Corrections Center (CBCC)

Project Title: INSTALL CLOSE-CUSTODY SLIDER DOORS

Bill Reference(s): Laws of 2005, Chapter 488, Section 267

Laws of 2007, Chapter 520, Section 2057

Laws of 2009, Chapter 497, Section 2047

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Project Description: This project installs slider cell doors in close security Housing Units A, B, C, and D at the Clallam Bay Corrections Center. The work involves removal of existing doors and door frames, electrical, and conduit work for the door control system. The work also includes control systems for transfer-of-control between security booths.

Square feet: N/A

Scope Changes: We achieved a portion of the original scope through a past emergency project that replaced failed control booth electronics. However, new scope was added when a load study showed a need to make improvements to both electrical and emergency power in order to operate the slider doors. The power improvements include a third generator, controls for parallel generator operation, new switchgear, and main transformers.

This project is divided into two phases. The Phase I Electrical Power improvements, which are currently under construction and Phase II, which will be the actual slider door replacements.

Project Total Cost:

Phase	Biennium	Appropriation	Amount
Pre-Design	05-07	H 22	\$ 97,666
Design	07-09	H22R	\$ 226,581
Design	09-11	H22R	\$ 70,381
Design	09-11	J01	\$ 27,000
Design	11-13		\$ 1,999,013
Construction	09-11	H22R	\$ 302,869
Construction	09-11	J01	\$ 1,730,929
Construction	11-13		\$ 13,671,971
Other	05-07	H22	\$ 25,000
Other	07-09	H22R	\$ 26,750
Other	09-11	H22R	\$ 750
Other	09-11	J01	\$ 402,071
Other	11-13		\$ 1,942,019
Total			\$ 20,523,000

MACC: \$12,549,745

Schedule:

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	Budget Schedule	Actual/Forecast	Variance (weeks)
Pre-design Complete	11/30/05	6/30/06	30
Start Design - Electrical	9/1/08	11/1/08	9
Bid Date - Electrical	7/16/09	8/27/09	6
Notice to Proceed	8/10/09	10/5/09	8
50 Percent Complete	12/7/09	12/7/09	0
Substantial Completion	6/1/10	6/2/10	0
Final Acceptance	8/31/10	7/2/10	-9

Project Status and Discussion of Critical Path for Construction: Phase 1 of the electrical and power improvements portion of the project were advertised for bid on 8/27/09. The Notice to Proceed was issued on 10/5/2009. Phase 1 of the electrical improvements has just begun, with the contractor D & S Electric, mobilizing on site.

The critical path of the Phase II construction work must coordinate with three related projects:

1. Install a Fire Sprinkler System: The predesign identified fire sprinklers in the close-security housing units. This project and No.2 Other Improvements (see below), project schedules must run concurrent with the slider door project to avoid costly duplication of offender relocations, security escorts, and operations impacts.
2. Other Improvements: The pre-design identified other related projects such as replace pass drawers, refurbish showers, and other miscellaneous improvements throughout the close-custody housing units. This project and No.1 fire sprinkler (see above), project schedules must run concurrent with the slider-door project to avoid costly duplication of offender relocations, security escorts, and operations impacts.
3. Replace Telecommunications Infrastructure: Before the slider door project is completed, we must replace the portion of the existing telecommunications infrastructure that supports security and door control for the close-custody housing units. In this project, the new telecom infrastructure depends on the same power upgrade as the slider doors project.

The electrical improvements must be completed before both the Slider Door and the Telecommunications Infrastructure Replacement Projects. We can complete the slider door installation and controls inside each housing unit except for backup control to Master Control, which requires completion of the telecommunication infrastructure project to operate the controls.

Contract Award History:

A/E Agreement	Amount	Construction Contract	(Excluding Sales Tax)
Original Agreement:	\$ 66,500	Bid Award Amount	\$ 0
Amendments	\$ 340,131	Change Orders	\$ 0
Pending Changes	\$ 406,631	Pending Changes	\$ 0
Total	\$	Total	\$ 0
Current Design		Current Construction	

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Contingency	\$ 15,000	Contingency	\$ 0
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Potential for Project Cost Overruns/Claims: None anticipated at this time.

Discussion of Project Quality: We expect the new equipment to be high quality.

Project Photographs: See following pages.

View of trenches with 4-inch underground electrical conduit for new transformers.

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View of trench for Generator No. 3. The green conduits provide the existing power supply.



View of trench going into the main support building for the generator service.

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View of the new transformer pads.



View of existing transformer No. 2, which will be relocated outside.

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View of the back side of the support building with the project area fenced in.

